

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Anuj Batra, et al.

Docket: TI-35949

Application No.: 10/688,169

Art Unit: 2464

Filed: 10/18/2003

Examiner: Mui, Gary

For: Time-Frequency Interleaved Orthogonal

Not. of All.: 03/03/2010

Frequency Division Multiplexing Ultra Wide

Conf. No.: 9531

Band Physical Layer

SUPPLEMENTAL DECLARATION

Assistant Commissioner for Patents

Alexandria, VA 22313-1450

Sir:

We, Anuj Batra, Jaiganesh Balakrishnan, Anand G. Dabak, Ranjitt Gharpurey, Heng-Chih Lin, and Paul H. Fontaine, as joint inventors named in the application for letters patent for an improvement in Time-Frequency Interleaved Orthogonal Frequency Division Multiplexing Ultra Wide Band Physical Layer, Application No. 10/688,169, filed in the United States Patent and Trademark Office on or about the 18<sup>th</sup> day of October, 2003, declare that we reviewed and understand the contents of the specification, including the claims as amended by the following amendments:

*Amendments filed: Amendment 111 filed 10/30/2007; Amendment 114 filed 07/15/2008; Amendment filed 04/13/2009 and Amendment 112 filed 12/28/2009.*

That we believe that we are an original and first co-inventor of the claimed subject matter for which a patent is sought; that said subject matter, including the claims as amended, was part of our invention, and was invented before the filing of the original application, above identified, for such invention; and that we acknowledge our duty to disclose information of which we are aware which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

**Supplemental Declaration**  
**TI-35949**

We further declare that all statements herein made of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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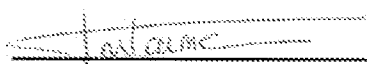
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July 30<sup>th</sup>, 2010  
\_\_\_\_\_  
Date

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